Outfitting Requisition Control & Accounting System (ORCAS)

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Background

- **ORCAS provides for the validation, obligation, and release of qualified outfitting requisitions to the supply system. It is an integrated financial and supply system that processes requisitions from ships and shore activities, and determines how they should be funded and supplied.**
- **ORCAS supports the modernization of current Other Procurement, Navy (OPN) and Shipbuilding and Conversion, NAVY (SCN) legacy systems under the control of the Naval Sea Systems Command (NAVSEA 04L)**

Background (cont.)

- **ORCAS consolidates various Outfitting functions provided by multiple legacy applications into a single application.**
- **ORCAS enhances, and replaces, the Automated COSAL Tracking System (ACTS).**
- **ORCAS includes OPN and SCN Outfitting modules of the High Dollar Value COSAL (HIVALCOS), the Maintenance Assist Modules System (MAMS), along with some functionality of the Push Material Inventory Control System (PMICS), as well as the Re-engineered Residual Asset Manager (RRAM) screening process.**

Project Goals

- **The ORCAS project was developed to:**
  - **Modernize the ACTS/HIVAL processes and procedures into one system**
    - **Bring PMICS, MAMs, RAM and Asset Screen into the process**
  - **Improve Internal operations and procedures**
  - **Provide increased access to data**
  - **Provide better budgeting control**
  - **Eliminate/reduce manual effort**
  - **Reduce Requisition Turn Around Time (TAT)**
  - **Allow for partial issue of unobligated requisitions (Release 2.0)**

Advantages – ORCAS vs. ACTS

- **Common data environment for Outfitting processes**
  - **Combines OPN/SCN into one system**
- **More stable system environment**
- **Improved business rules automated many manual functions**
  - **Reduced manual intervention**
- **More accurate requisition accountability with single point control & improved history**
- **Provides more flexibility in processing with the user definable “flexible criteria rules”**

Advantages (cont.)

- **Provides notification for certain processing errors that went un-noticed in ACTS (e.g. status processing on cancelled requisitions, erroneous TL processing)**
- **Reduced Turn around time**
- **More timely Free Asset screening**
- **Gives the user the ability to generate & schedule their own reports as required**
  - **More access to requisition data (ad-hoc reports)**

Advantages (cont.)

- **Modular business rules are more adaptable to future changes.**
- **Centralized database management shared with other applications reduces maintenance costs.**

Disadvantages

- **Increases exception processing time of certain requisitions due to improved business rules**
  - **Notes:**
    - **In ACTS many errors in requisition processing, status processing, and TL processing were not caught.**
    - **Provides an advantage for improved requisition control, funding, & prioritization**
    - **Overall Turn-around time should be improved and you will have better data**
- **New application – Natural learning curve**

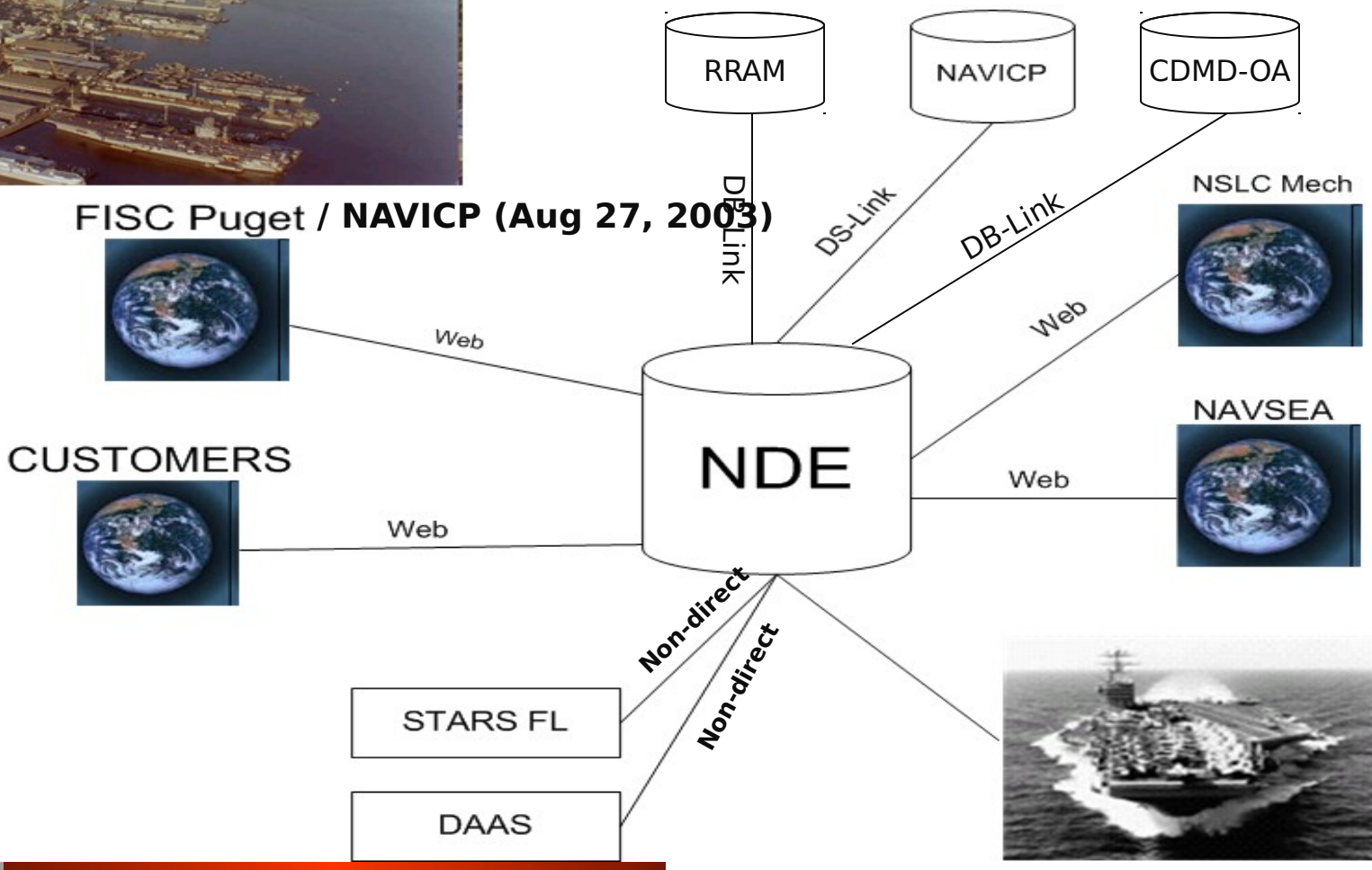
Architecture

- **ORCAS is a Web Accessible, Thin-Client Application**
  - **Hosted at NSLC Pacific in Fairfield, CA.**
  - **ORACLE Database**
  - **Utilizes CITRIX front end**
    - **ICA Client is resident on the user workstation**
  - **Integrated as part of the Navy Data Environment (NDE)**

WWW.NDE.NAVY.MIL

System Overview

FISC Puget / **NAVICP (Aug 27, 2003)**



Architecture (cont.)

- **ORCAS was implemented in the Legacy environment**
  - **NMCI could not support the requested deployment date**
  - **Official NMCI ORCAS Deployment Date is 9/28/03**
  - **NMCI workstations were operational on ORCAS on 9/5/03 at NAVICP**

Architecture (cont.)

- **ORCAS requires User-ID & Password**
  - **The User Request form is online**
- **The NDE Support Desk located at NSLC Atlantic in Indian Head, MD, will process the user request and email back the user name and temporary password. The ORCAS administrator will establish the account.**
- **The NDE Support Desk will provide Tier 1 assistance on user related issues**

  (301) 744-6490

High Level FY03 Schedule

Milestone	Sched. Start	Actual Start	Sched. Complete	Actual Complete
Software Development	10/01/02	10/01/02	06/23/03	07/11/03
Autosirs: Pre-Beta Requirements		10/01/02	10/01/02	03/19/03
03/19/03				
Autosirs: Beta - Baseline		10/01/02	10/01/02	05/08/03
07/11/03				
System Testing				
Beta Testing	10/01/02	10/01/02	05/23/03	06/27/03
Correction of Beta Autosirs		10/01/02	10/01/02	05/30/03
07/11/03				
Training				
FISC / NAVICP	06/03/03	06/03/03	06/05/03	06/05/03
NSLC Mechanicsburg	06/10/03	06/10/03	06/12/03	06/12/03
Legacy Transfer	07/11/03	07/11/03	07/27/03	08/04/03
Parallel Production	07/28/03	08/05/03	08/08/03	08/27/03
Implementation Release 1.0		08/11/03	09/08/03	

Current Status Summary

- **ORCAS is in Production**
  - **Live on 8/5/03 (parallel production)**
  - **The ACTS application ceased operations on 8/27/03**
  - **Officially in Production on 9/8/03**
    - **There have been no “Show Stoppers”**
    - **There have been the small items typical of an initial implementation**
- **NAVICP has assumed the Outfitting responsibility (8/27/03)**

Next Steps

- **Eliminate minor application problem areas as identified**
- **Identify system performance improvement opportunities**
- **Develop plan for expanded application functionality**
  - **Some requirements were deferred to next release.**
  - **Establish priorities**

Attention Areas

- **Issues/Problems & Solutions**
  - **NMCI Deployment**
    - **Request to Deploy (RTD) new application**
      - **Length of time needed by NMCI to process RTD**
      - **Addition of new Production Server IP addresses**
      - **Solution:**
        - **Implemented in Legacy environment**
        - **Requested NMCI Emergency Release**
        - **High level pressure and gave constant attention**
    - **NAVICP NMCI Workstations working 9/05/03**
    - **Problems with NSLC Mech. connectivity exist**
  - **RRAM Interface**
    - **Need to delay due to NAVSISA Upgrade Schedule**
    - **Delay in programming on NAVSISA side**
      - **Solution: High level pressure & Manual work-around**
    - **Testing and Production implementation remain**